



1746

Patent
Attorney's Docket No. 015290-500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Si Yi LI et al.

Application No.: 09/820,695

Filed: March 30, 2001

For: METHOD OF PLASMA ETCHING
LOW-K DIELECTRIC MATERIALS

Group Art Unit: 1746

Examiner: Unassigned

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INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By: 
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Registration No. 31,917

Date: 7-18-01



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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Patent No. 5,013,398, Long et al., issued May 7, 1991

U.S. Patent No. 5,013,400, Kurasaki et al., issued May 7, 1991

U.S. Patent No. 5,021,121, Groechel et al., issued June 4, 1991

U.S. Patent No. 5,022,958, Favreau et al., issued June 11, 1991

U.S. Patent No. 5,269,879, Rhoades et al., issued December 14, 1993

U.S. Patent No. 5,529,657, Ishii, issued June 25, 1996

U.S. Patent No. 5,595,627, Inazawa et al., issued January 21, 1997

U.S. Patent No. 5,611,888, Bosch et al., issued March 18, 1997

U.S. Patent No. 5,736,457, Zhao, issued April 7, 1998

U.S. Patent No. 5,780,338, Jeng et al., issued July 14, 1998

U.S. Patent No. 5,820,261, Yam, issued October 13, 1998

U.S. Patent No. 6,054,379, Yau et al., issued April 25, 2000

U.S. Patent No. 6,090,304, Zhu et al., issued July 18, 2000

U.S. Patent No. 6,143,641, Kitch, issued November 7, 2000
U.S. Patent No. 6,147,021, Hahn et al., issued November 14, 2000
U.S. Patent No. 6,153,514, Wang et al., issued November 28, 2000
U.S. Patent No. 6,153,935, Edelstein et al., issued November 28, 2000
U.S. Patent No. 6,156,642, Wu et al., issued December 5, 2000
U.S. Patent No. 6,168, 726, Li et al., issued January 2, 20001

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The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: _____


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Date: 7-18-01

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.
015290-500APPLICATION NO.
09/820,695APPLICANT
Si Yi LI et al.FILING DATE
March 30, 2001GROUP
1746

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	5,013,398		Long et al.	05/07/91
	5,013,400		Kurasaki et al.	05/07/91
	5,021,121		Groechel et al.	06/04/91
	5,022,958		Favreau et al.	06/11/91
	5,269,879		Rhoades et al.	12/14/93
	5,529,657		Ishii	06/25/96
	5,595,627		Inazawa et al.	01/21/97
	5,611,888		Bosch et al.	03/18/97
	5,736,457		Zhao	04/07/98
	5,780,338		Jeng et al.	07/14/98
	5,820,261		Yam	10/13/98
	6,054,379		Yau et al.	04/25/00
	6,090,304		Zhu et al.	07/18/00
	6,143,641		Kitch	11/07/00
	6,147,021		Hahn et al.	11/14/00
	6,153,514		Wang et al.	11/28/00
	6,153,935		Edelstein et al.	11/28/00
	6,156,642		Wu et al.	12/05/00
	6,168,726		Li et al.	01/02/01

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
Examiner Signature		Date Considered	RECEIVED

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.